

## Patent Abstracts:

b 347

[File 347] JAPIO Dec 1976-2008/Aug(Updated 081208)

(c) 2008 JPO & JAPIO. All rights reserved.

? d s

Set Items Description

S1 9094830 S (SECOND OR MULTI? OR HETEROGENEOUS OR DIFFERENT OR VARIED OR VARIOUS OR SEPARATE OR MANY OR MANIFOLD OR NUMEROUS OR MULTIPL? OR MULTITUDE OR SEVERAL OR MANY OR PLURAL? OR VARIET? OR RANGE? ? OR ASSORT???? OR DIVERSE)

S2 2568025 S (VALVE? ? OR THROTTLE? ? OR VALVULAR OR CONTROLLER? ? OR POPPET? ? OR VALVATE? ? OR CHOKE? ? OR GATE? ? OR ACCELATOR? ?)

S3 253060 S S1(3N)S2

S4 290619 S (SENSE??? OR SENSING OR MEASURE??? OR MEASURING OR DETECT??? OR NOTIC? OR DETERMIN? OR OBSERV? OR MONITOR??? OR CHECK? OR PRESEN????)(2N)(LIQUID? ? OR FLUID OR WATER OR FLOW???)

S5 18612 S S4(5N)S2

S6 269952 S S2(3N)(OPEN???)

S7 1676 S S5(10N)S3

S8 259 S S7(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR REGULAT? OR UPDAT? OR MODIFY?)

S9 39503 S S6(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR REGULAT? OR UPDAT? OR MODIFY?)

S10 23 S S9(10N)S7

? s s10 and py=1963:2003

## Patent Fulltext:

? show files

[File 348] EUROPEAN PATENTS 1978-200849

(c) 2008 European Patent Office. All rights reserved.

[File 349] PCT FULLTEXT 1979-2008/UB=20081211|UT=20081204

(c) 2008 WIPO/Thomson. All rights reserved.

; d s

Set Items Description

S1 2592826 S (SECOND OR MULTI? OR HETEROGENEOUS OR DIFFERENT OR VARIED OR VARIOUS OR SEPARATE OR MANY OR MANIFOLD OR NUMEROUS OR MULTIPL? OR MULTITUDE OR SEVERAL OR MANY OR PLURAL? OR VARIET? OR RANGE? ? OR ASSORT???? OR DIVERSE)

S2 692666 S (VALVE? ? OR THROTTLE? ? OR VALVULAR OR CONTROLLER? ? OR POPPET? ? OR VALVATE? ? OR CHOKE? ? OR GATE? ? OR ACCELATOR? ?)

S3 157189 S S1(3N)S2

S4 279713 S (SENSE??? OR SENSING OR MEASURE??? OR MEASURING OR DETECT??? OR NOTIC? OR DETERMIN? OR OBSERV? OR MONITOR??? OR CHECK? OR PRESEN????)(2N)(LIQUID? ? OR FLUID OR WATER OR FLOW???)

S5 12748 S S4(5N)S2

S6 112786 S S2(3N)(OPEN???)

S7 929 S S5(10N)S3

S8 21219 S S6(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR REGULAT? OR UPDAT? OR MODIFY?)

S9 8 S S8(10N)S7

S10 26 S S8(100N)S7

S11 24 S S10 AND PY=1963:2003

?

## NPL Abstracts:

? show files

[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2008/Nov  
(c) 2008 CSA. All rights reserved.  
[File 56] Computer and Information Systems Abstracts 1966-2008/Nov  
(c) 2008 CSA. All rights reserved.  
[File 35] Dissertation Abs Online 1861-2008/Feb  
(c) 2008 ProQuest Info&Learning. All rights reserved.  
[File 8] Ei Compendex(R) 1884-2008/Nov W5  
(c) 2008 Elsevier Eng. Info. Inc. All rights reserved.  
[File 266] FEDRIP 2008/Oct  
Comp & dist by NTIS, Intl Copyright All Rights Res. All rights reserved.  
[File 583] Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage. All rights reserved.  
*\*File 583: This file is no longer updating as of 12-13-2002.*  
[File 65] Inside Conferences 1993-2008/Dec 17  
(c) 2008 BLDSC all rts. reserv. All rights reserved.  
[File 2] INSPEC 1898-2008/Nov W3  
(c) 2008 Institution of Electrical Engineers. All rights reserved.  
[File 6] NTIS 1964-2008/Dec W4  
(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.  
[File 144] Pascal 1973-2008/Dec W2  
(c) 2008 INIST/CNRS. All rights reserved.  
[File 34] SciSearch(R) Cited Ref Sci 1990-2008/Dec W1  
(c) 2008 The Thomson Corp. All rights reserved.  
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.  
[File 256] TecInfoSource 82-2008/Jul  
(c) 2008 Info.Sources Inc. All rights reserved.  
[File 95] TEME-Technology & Management 1989-2008/Nov W5  
(c) 2008 FIZ TECHNIK. All rights reserved.  
[File 99] Wilson Appl. Sci & Tech Abs 1983-2008/Oct  
(c) 2008 The HW Wilson Co. All rights reserved.

; d s

Set Items Description

S1 24715042 S (SECOND OR MULTI? OR HETEROGENEOUS OR DIFFERENT OR VARIED OR VARIOUS OR  
SEPARATE OR MANY OR MANIFOLD OR NUMEROUS OR MULTIPL? OR MULTITUDE OR SEVERAL OR MANY OR  
PLURAL? OR VARIET? OR RANGE? ? OR ASSORT???? OR DIVERSE)  
S2 1417507 S (VALVE? ? OR THROTTLE? ? OR VALVULAR OR CONTROLLER? ? OR POPPET? ? OR VALVATE?  
? OR CHOKE? ? OR GATE? ? OR ACCELATOR? ?)  
S3 93318 S S1(3N)S2  
S4 583627 S (SENSE??? OR SENSING OR MEASURE??? OR MEASURING OR DETECT??? OR NOTIC? OR  
DETERMIN? OR OBSERV? OR MONITOR??? OR CHECK? OR PRESEN????)(2N)(LIQUID? ? OR FLUID OR WATER  
OR FLOW???)  
S5 3503 S S4(5N)S2  
S6 29590 S S2(3N)(OPEN???)  
S7 128 S S5(10N)S3  
S8 2793 S S6(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR  
REGULAT? OR UPDAT? OR MODIFY?)  
S9 0 S S8(10N)S7  
S10 391 S S5 AND S3  
S11 5 S S10 AND S8

?

## NPL Fulltext:

? show files

[File 15] ABI/Inform(R) 1971-2008/Dec 17  
(c) 2008 ProQuest Info&Learning. All rights reserved.  
[File 9] Business & Industry(R) Jul/1994-2008/Dec 16  
(c) 2008 Gale/Cengage. All rights reserved.  
[File 635] Business Dateline(R) 1985-2008/Dec 17  
(c) 2008 ProQuest Info&Learning. All rights reserved.  
[File 610] Business Wire 1999-2008/Dec 18  
(c) 2008 Business Wire. All rights reserved.  
*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*  
[File 810] Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire. All rights reserved.  
[File 647] UBM Computer Fulltext 1988-2008/Nov W5  
(c) 2008 UBM, LLC. All rights reserved.  
[File 674] Computer News Fulltext 1989-2006/Sep W1  
(c) 2006 IDG Communications. All rights reserved.  
*\*File 674: File 674 is closed (no longer updates).*  
[File 696] DIALOG Telecom. Newsletters 1995-2008/Dec 17  
(c) 2008 Dialog. All rights reserved.  
[File 275] Gale Group Computer DB(TM) 1983-2008/Dec 02  
(c) 2008 Gale/Cengage. All rights reserved.  
[File 47] Gale Group Magazine DB(TM) 1959-2008/Dec 16  
(c) 2008 Gale/Cengage. All rights reserved.  
*\*File 47: UD names have been adjusted to reflect process dates All data is present*  
[File 621] Gale Group New Prod. Annou.(R) 1985-2008/Nov 19  
(c) 2008 Gale/Cengage. All rights reserved.  
[File 636] Gale Group Newsletter DB(TM) 1987-2008/Dec 03  
(c) 2008 Gale/Cengage. All rights reserved.  
[File 16] Gale Group PROMT(R) 1990-2008/Dec 03  
(c) 2008 Gale/Cengage. All rights reserved.  
*\*File 16: Because of updating irregularities, the banner and the update (UD=) may vary.*  
[File 160] Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group. All rights reserved.  
[File 148] Gale Group Trade & Industry DB 1976-2008/Dec 10  
(c) 2008 Gale/Cengage. All rights reserved.  
*\*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*  
[File 624] McGraw-Hill Publications 1985-2008/Dec 18  
(c) 2008 McGraw-Hill Co. Inc. All rights reserved.  
[File 369] New Scientist 1994-2008/Dec W2  
(c) 2008 Reed Business Information Ltd. All rights reserved.  
[File 484] Periodical Abs Plustext 1986-2008/Nov W3  
(c) 2008 ProQuest. All rights reserved.  
[File 613] PR Newswire 1999-2008/Dec 18  
(c) 2008 PR Newswire Association Inc. All rights reserved.  
*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*  
[File 813] PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.  
[File 634] San Jose Mercury Jun 1985-2008/Dec 16  
(c) 2008 San Jose Mercury News. All rights reserved.  
[File 370] Science 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.  
*\*File 370: This file is closed (no updates). Use File 47 for more current information.*  
[File 553] Wilson Bus. Abs. 1982-2008/Dec  
(c) 2008 The HW Wilson Co. All rights reserved.  
[File 98] General Sci Abs 1984-2008/Nov  
(c) 2008 The HW Wilson Co. All rights reserved.

; d s

Set Items Description

S1 35836998 S (SECOND OR MULTI? OR HETEROGENEOUS OR DIFFERENT OR VARIED OR VARIOUS OR SEPARATE OR MANY OR MANIFOLD OR NUMEROUS OR MULTIPL? OR MULTITUDE OR SEVERAL OR MANY OR PLURAL? OR VARIET? OR RANGE? ? OR ASSORT???? OR DIVERSE)  
S2 1919141 S (VALVE? ? OR THROTTLE? ? OR VALVULAR OR CONTROLLER? ? OR POPPET? ? OR VALVATE? ? OR CHOKE? ? OR GATE? ? OR ACCELATOR? ?)  
S3 101838 S S1(3N)S2

S4 196864 S (SENSE??? OR SENSING OR MEASURE??? OR MEASURING OR DETECT??? OR NOTIC? OR DETERMIN? OR OBSERV? OR MONITOR??? OR CHECK? OR PRESEN????)(2N)(LIQUID? ? OR FLUID OR WATER OR FLOW???)

S5 2236 S S4(5N)S2

S6 48162 S S2(3N)(OPEN???)

S7 86 S S5(10N)S3

S8 2397 S S6(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR REGULAT? OR UPDAT? OR MODIFY?)

S9 0 S S8(10N)S7

S10 193 S S5(100N)S3

S11 1 S S10(100N)S8

?

